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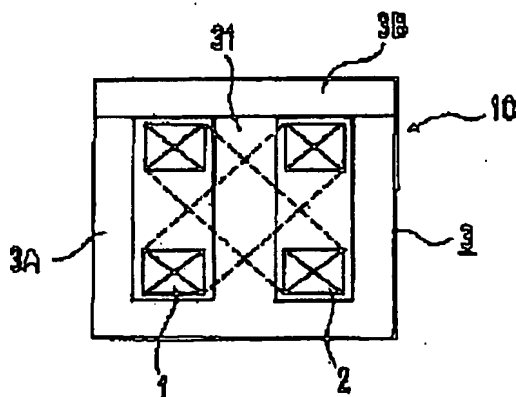
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TITLE : NOISE INTERRUPTION
TRANSFORMER



ABSTRACT : PROBLEM TO BE SOLVED: To improve noise interruption effect, by winding a primary winding wire and a secondary winding wire to an iron core so that they mutually cross.

SOLUTION: A noise interruption transformer 10 is provided with an iron core 3 constituted of an E-type core 3A and an I-type core 3B which are mutually connected, and a primary winding wire 1 and a secondary winding wire 2 which are wound to an iron core leg 31 at the center of the iron core 3 so that they cross in a right angle. When the terminal of the primary winding wire 1 in the transformer 10 is connected to a commercial AC power source and the terminal of the secondary winding wire 2 is connected to the load unit of a personal computer, prescribed voltage is induced in the load unit connected to the terminal of the secondary winding wire 2 from the primary winding wire 1. Magnetic flux from the primary winding wire 1 leaks into air but the primary winding wire 1 and the secondary winding wire 2 cross at the right angle. Thus, voltage is not induced in a secondary side even if leaking magnetic flux from the primary winding wire 1 crosses the secondary winding wire 2. Thus, a noise interruption function can be improved since noise is prevented from being transmitted to the secondary winding wire through leaking magnetic flux.

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